hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to:

MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 5, 2004 Signature:

2828 Jh

Docket No.: 30203/37899

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Roger L. FRICK

Application No.: 09/996,143

Art Unit: 2828

Filed: November 28, 2001

Examiner: L. A. Al-Nazer

For: OPTICAL SENSOR FOR MEASURING

PHYSICAL AND MATERIAL PROPERTIES

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated September 22, 2004, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on Page 4 of this paper.

Remarks begin on page 16 of this paper.